



Staff Update

October 20th, 2022





The Healing Place: Thanksgiving Harvest



Thanksgiving Harvest – opening ceremony
The Healing Place on October 5th, 2022
Edwardsburgh-Cardinal



Ronda Boutz, Secretary-Treasurer



SNC Staff presenting to ALUS tour group
Metcalf, Ontario

- Alternative Land Use Services (ALUS) showcased on-farm stewardship projects
- SNC staff presented at 2 sites under partnership with ALUS



2022 Latonnell Conservation Symposium



Katherine Watson presenting the Flood Risk Assessment Project
Burlington, ON

- October 17th and 18th, 2022.
- In-person event – Burlington, ON
- SNC's presentations:
 - Flood Risk Assessment – Kat Watson and Dave Crossman (RVCA)
 - Building Successful Partnerships – Sandra Mancini and Peter Young (SDG)



New SNC Staff – Erin Thorne



Erin and Family

Educational Background

- B.Sc. Biology, Trent University

Work Experience

- Environmental Consulting -
Phase I & Phase II Reporting
- Media & Advertising –
Traffic Coordinator
(CTV Calgary & CityTV Calgary)
- EA/Supply Teacher at CDSBEO



Source Protection Committee Vacancy



Raisin-South Nation Drinking Water
Source Protection Committee

Source Protection Committee (SPC) Member Recruitment

- SNC is advertising for a new Committee Member (Member at Large) to fill a vacancy on the Raisin-South Nation Source Protection Committee
- Applications due November 7th, 2022
- More info at www.yourdrinkingwater.ca



Conservation Areas Workshop



- SNC (John Mesman) Former Conference Chair (2017-2019)
- After 2 years of virtual programming, staff are returning for the annual workshop in Orillia, ON
- Land managers and staff from Ontario's Conservation Areas gather for collaboration and training
- SNC leading panel discussion and workshop with Conservation Ontario on the required Lands Inventories and Conservation Area Strategy



75 KM Challenge – Promoting Recreational Opportunities



75KM CHALLENGE

Alfred Bog Walk

Visit the Alfred Bog off Concession Road 11, south of the village of Alfred.

Reveler Conservation Area

14255 Concession 10-11 Road, Crysler

Cass Bridge Conservation Area

12212 Cass Bridge Road, Winchester

High Falls Conservation Area

11 Nation River Road, Casselman & 18 Brisson Street, Casselman

Jessup's Falls Conservation Area

6675 Highway 17, Plantagenet

Oschmann Forest Conservation Area

12301 Ormond Road, Winchester

W.E. Burton Conservation Area

601 Church Street, Russell

Spencerville Mill

11 Water Street, Spencerville

Findlay Creek Board Walk

2835 Findlay Creek Drive, Ottawa

J. Henry Tweed Conservation Area

98 Craig Street, Russell & 110 Forced Road, Russell

Two Creeks Forest Conservation Area

11319 County Road 2, Morrisburg

Warwick Forest Conservation Area

15755 County Road 9, Berwick & 15751 County Road 9, Berwick

St-Albert Conservation Area

24 Machabee Street, St. Albert

McIntosh Park Conservation Area

Crysler Rd, Berwick

Oak Valley Pioneer Park

3324 Baldwin Lane, Winchester Springs

Mill Run Conservation Area

5659 McCrea Rd, Augusta



ACTIVITIES AT A GLANCE



BIRDING

- Alfred Bog Walk
- Reveler CA



BOAT LAUNCHING

- Cass Bridge CA
- Chesterville River Access
- Crysler River Access
- Embrun Boat Launch
- High Falls CA
- Jessup's Falls CA
- Spencerville Mill
- St-Albert CA



HISTORIC SITES

- Oak Valley Pioneer Park
- Spencerville Mill



GEOCACHING



HIKING/WALKING

- Alfred Bog Walk
- Findlay Creek Board Walk, Ottawa
- Oschmann Forest CA
- The Moose Creek Recreation Trail
- W.E. Burton CA, Russell
- J. Henry Tweed CA
- Reveler CA, Crysler
- Robert Graham CA
- Two Creeks Forest CA
- Warwick Forest CA



CANOEING/PADDLING

- Mill Run Kayak Route
- Great Blue Heron Kayak Route
- King Fisher Kayak Route
- Swallows Path Kayak Route
- Mallard Way Kayak Route
- Castone Farm
- Chesterville Waterfront
- Spencerville Mill
- St-Albert CA



PICNICS

- Cass Bridge CA
- High Falls CA
- J. Henry Tweed CA
- Jessup's Falls CA
- McIntosh Park CA
- Oak Valley Pioneer Park
- Spencerville Mill
- St-Albert CA
- Two Creeks CA
- W.E. Burton CA



FISHING

- Cass Bridge CA
- High Falls CA
- Jessup's Falls CA
- Spencerville Mill
- St-Albert CA
- W.E. Burton CA

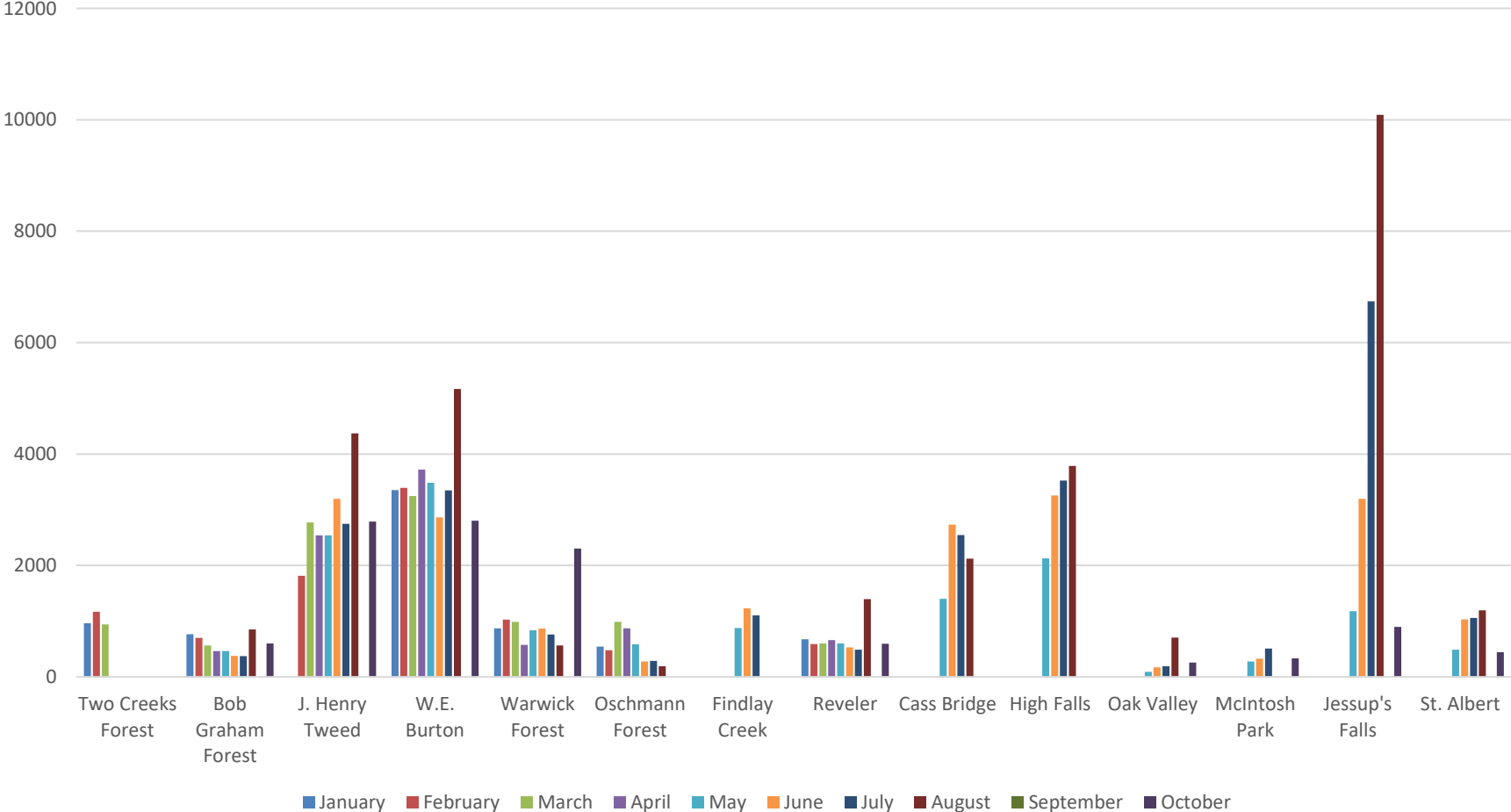
- 75th Anniversary Challenge continues to encourage visitors to log 75 km through any method of active transportation at any SNC property or waterway
- Social Media Campaign to promote challenge in October 2022



Conservation Area Stats



2022 Recorded Visitation to SNC Conservation Areas





Community Volunteer Day at J. Henry Tweed CA



Water quality demonstration (2021)

Saturday, October 22, 2022, at the J. Henry Tweed Conservation Area in Russell

- Event will include a project update, property tour, water quality demo, and community volunteers planting 100 trees



Community Day with 2nd Russell Scouts (2021)



Erosion Repair with Bioengineering Techniques (2022)



Tree Planting at J. Henry Tweed CA



Potted stock ready to be planted
J. Henry Tweed Conservation Area, Russell

- 1,000 native trees and shrubs recently planted in areas where dead ash trees were removed
- Large caliper trees will be planted by a contractor
- Ongoing tree management will be completed by staff during winter months



New Edible Buffer at Jessup's Falls CA



- \$15,000 funding from Ontario Power Generation
- 13 caliper trees and 150 shrubs planted at Jessup's Falls Conservation Area

Shrubs being planted at Jessup's Falls CA
October 18, 2022
Township of Alfred and Plantagenet



Greening County Roads



Roadside Tree Planting
County Road 43
North Stormont

- 425 potted trees planted through the SDG Roadside Tree Program
- Refilled previous planting sites and established 2 new sites
- 3 new sites to be planted in spring 2023 under the 50 Million Tree Program
 - 1 windbreak
 - 2 block plantings



Tree Planting Site Preparation

- SNC purchased a used scribe for site preparation
- Scribing being completed in-house with rental tractor
- Band spraying also in-house with SNC ATV and sprayer



Top: Scribing

Right: Band Spraying

City of Ottawa





Backyard Bounty – New Garden Beds



Lunch Time Weeding
SNC Office Backyard, Finch

- Garden boxes built by SNC staff - installed in June
- Plants and seeds brought in by SNC staff and tended during lunch breaks
- Amazing harvest – shared potluck lunches!



Supporting Landowner Stewardship



Clean Water Program initial site visit
Casselman

- Engineering Team supports delivery of Clean Water Program erosion grants property owners
- Complete site visit, project presentation at Committee, and final site visit to confirm work completed as approved.



Site Visit – New Septic Program Area



Bally Canoe Road Mallorytown - Front of Yonge

- Serving 4 new municipalities:
 - Augusta
 - Edwardsburgh-Cardinal
 - Elizabethtown-Kitley
 - Front of Yonge
- Number of inquiries and applications coming in
- Visiting municipal offices, meeting contractors, and visiting properties



Site Visit – Municipal Drain Works

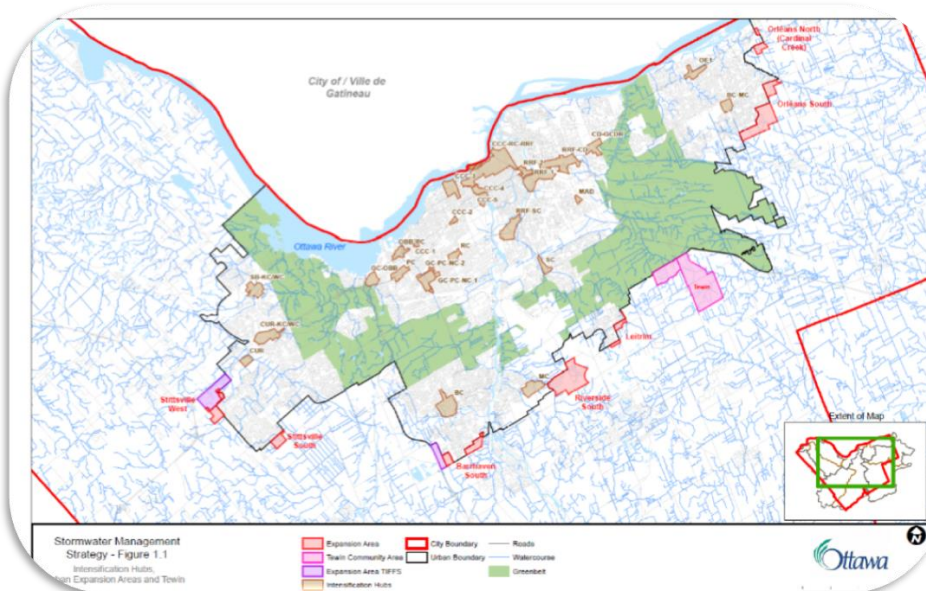


October 6, 2022
Kenyon, North Glengarry

- Project was complex and description was vague
- Staff visited site to understand project scope, provide local knowledge, and explain requirements
- Applicant updated application which will save time on technical review



Collaborating with the City of Ottawa



Urban Expansion Areas

SNC continues collaborating with the City of Ottawa. This time we are actively reviewing the "2022 Stormwater Management Strategy".

The goal of this strategy is to review scenarios to address stormwater quality and quantity in Urban and Rural settings.



Nation Stormwater Facilities Inspections

- Dry survey & visual inspections completed for all ponds – accumulated sediment survey well underway
- Data analysis and report drafting started



Accumulated sediment
survey on the Oasis
Stormwater Pond,
Limoges, ON
Nation





Groundwater Water Quality Sampling



PGMN Well Purging & Sampling Event,
Berwick, ON
North Stormont

- Part of the MECP PGMN mandate – 14 total wells to be sampled
- All wells throughout the SNC watershed network undergoing sampling events to record and monitor the groundwater quality



Sampling shallow water benthos
McKinnon's Creek, City of Ottawa

- Evaluating condition of aquatic ecosystems by collecting benthic invertebrates and water chemistry details
- Data incorporated into the State of the Nation Watershed Report Card



Municipal Drain Classification



Northern Pike caught during sampling
Albert Richer Municipal Drain, North Stormont

- Funding from Fisheries and Oceans Canada to classify six municipal drains throughout the watershed
- Water quantity and fish sampling data collected by SNC
- Support from drainage superintendents



Streamline Field Data Collection

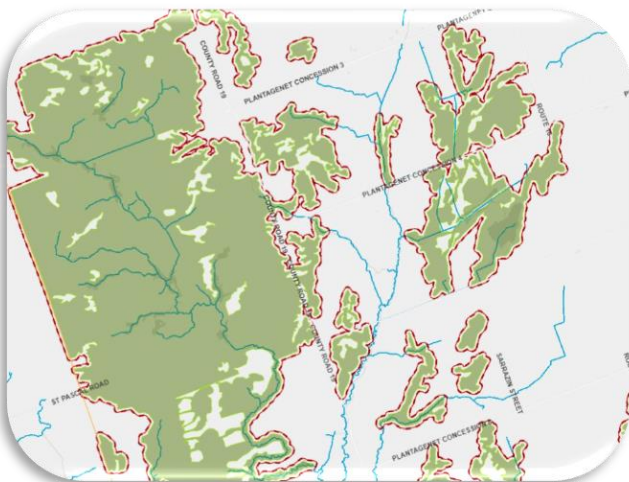


Spraying vegetation
North Stormont Township

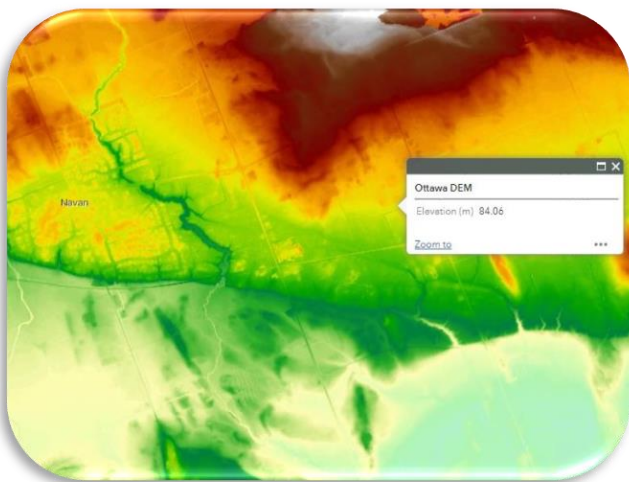
- Developed a mobile app to collect invasive species monitoring and treatment field data
- Ensures data integrity to aid in informing resource allocation and tracking program success



Tools of the Trade – Mapping Data Additions



Locally Significant Wetlands in
Alfred-Plantagenet



Interactive Digital Elevation
Model

- Recently approved Locally Significant Wetlands in Alfred-Plantagenet added to Public and Internal Portals
- Interactive digital elevation models added for City of Ottawa and St. Lawrence River area



Protecting People and Property



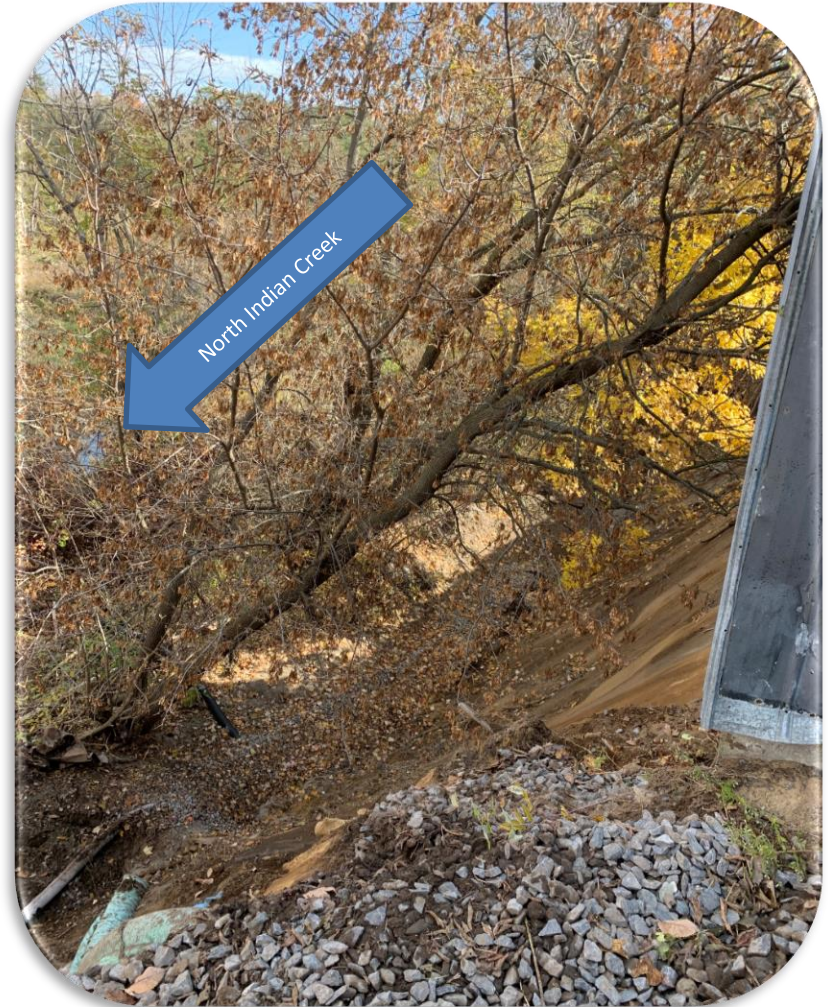
Chesterville Dam

- Annual inspections completed
- Draft Crysler Dam Operation, Maintenance and Surveillance Manual prepared
- Chesterville Dam Ice Management Study has begun



Unstable Slopes: Landslide on Residential Property Bouvier Road, Clarence-Rockland

October 15th, 2022: Bourget resident reported a landslide on their property



Our Local Environment, We're in it Together.

